

Title (en)  
DETECTION METHOD FOR N-NITROSODIMETHYLAMINE IMPURITIES

Title (de)  
VERFAHREN ZUM NACHWEIS VON N-NITROSODIMETHYLAMINVERUNREINIGUNGEN

Title (fr)  
PROCÉDÉ DE DÉTECTION D'IMPURETÉS DE N-NITROSODIMÉTHYLAMINE

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Application  
**EP 18926246 A 20180710**

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Abstract (en)  
[origin: EP3819634A1] Disclosed is a detection method for N-nitrosodimethylamine (NDMA) impurities, comprising: (1) obtaining a test solution containing a sample to be tested; and (2) detecting the test solution by means of gas chromatography-mass spectrometry to determine the content of an N-nitrosodimethylamine impurity in the sample. The method provided in the present invention has a good separating effect, a wide linear range, a high sensitivity and a good method durability, and can detect the content of N-nitrosodimethylamine (NDMA) in the sample rapidly and effectively.

IPC 8 full level  
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C-Set (source: EP)  
**G01N 2030/8809 + G01N 33/15**

Citation (search report)  
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• [XAI] CHEN WENWEN ET AL: "Comparison of gas chromatography-mass spectrometry and gas chromatography-tandem mass spectrometry with electron ionization for determination of N-nitrosamines in environmental water", CHEMOSPHERE, PERGAMON PRESS, OXFORD, GB, vol. 168, 5 December 2016 (2016-12-05), pages 1400 - 1410, XP029854559, ISSN: 0045-6535, DOI: 10.1016/J.CHEMOSPHERE.2016.11.109  
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• See also references of WO 2020010516A1

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